

Ming-yu Zhang

List of Publications by Year in descending order

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124
papers

1,679
citations

331259

21
h-index

360668

35
g-index

132
all docs

132
docs citations

132
times ranked

1962
citing authors

#	ARTICLE	IF	CITATIONS
1	Nestin and CD133: valuable stem cell-specific markers for determining clinical outcome of glioma patients. <i>Journal of Experimental and Clinical Cancer Research</i> , 2008, 27, 85.	3.5	231
2	Metal-Organic Framework-Derived Nanoconfinements of CoF ₂ and Mixed-Conducting Wiring for High-Performance Metal Fluoride-Lithium Battery. <i>ACS Nano</i> , 2021, 15, 1509-1518.	7.3	69
3	Ablation mechanism of C/Câ€“ZrB ₂ â€“Zrâ€“SiC composite fabricated by polymer infiltration and pyrolysis with preform of C f /ZrB ₂ . <i>Corrosion Science</i> , 2015, 98, 551-559.	3.0	65
4	HMGB1 induces apoptosis and EMT in association with increased autophagy following H/R injury in cardiomyocytes. <i>International Journal of Molecular Medicine</i> , 2016, 37, 679-689.	1.8	49
5	Embedding Î±-MnSe nanodots in nitrogen-doped electrospinning carbon nanofibers to enhanced storage properties of lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 797, 826-833.	2.8	48
6	Synthesis, characterization, and catalytic properties of stable mesoporous aluminosilicates assembled from preformed zeolite L precursors. <i>Microporous and Mesoporous Materials</i> , 2003, 62, 221-228.	2.2	47
7	Stability and property of planar (BN) _x clusters. <i>Chemical Physics Letters</i> , 2006, 423, 212-214.	1.2	45
8	Synthesis and Electrochemical Performance of ZnSe Electrospinning Nanofibers as an Anode Material for Lithium Ion and Sodium Ion Batteries. <i>Frontiers in Chemistry</i> , 2019, 7, 569.	1.8	42
9	Ablation behavior of (Zr,Ta)B ₂ -SiC coating on carbon/carbon composites at 2300 Â°C. <i>Corrosion Science</i> , 2021, 188, 109545.	3.0	40
10	The Basic Characteristics of the Pentraxin Family and Their Functions in Tumor Progression. <i>Frontiers in Immunology</i> , 2020, 11, 1757.	2.2	39
11	Effect of Autologous Platelet-Rich Plasma and Gelatin Sponge for Tendon-to-Bone Healing After Rabbit Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 1486-1497.	1.3	37
12	Efficient synthesis of Cu ₃ P nanoparticles confined in 3D nitrogen-doped carbon networks as high performance anode for lithium/sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 849, 156436.	2.8	35
13	Preparation of a double layer SiC coating and its oxidation resistance at 1773 K. <i>Corrosion Science</i> , 2014, 87, 134-140.	3.0	34
14	Anti-oxidation behavior of chemical vapor reaction SiC coatings on different carbon materials at high temperatures. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 1044-1050.	1.7	32
15	Adsorption of methylene blue from aqueous solution on modified ACFs by chemical vapor deposition. <i>Chemical Engineering Journal</i> , 2012, 189-190, 168-174.	6.6	32
16	High-performance lithium-ion battery anodes based on Mn ₃ O ₄ /nitrogen-doped porous carbon hybrid structures. <i>Journal of Alloys and Compounds</i> , 2019, 775, 51-58.	2.8	31
17	Theoretical study for (BN) ₁₀ isomers and (BN) C ₂₀ âˆ”2 ring structures. <i>Chemical Physics Letters</i> , 2006, 418, 297-301.	1.2	29
18	CXCL5 promotes the proliferation and migration of glioma cells in autocrine- and paracrine-dependent manners. <i>Oncology Reports</i> , 2016, 36, 3303-3310.	1.2	29

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19	Isolated trochleoplasty for recurrent patellar dislocation has lower outcome and higher residual instability compared with combined MPFL and trochleoplasty: a systematic review. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 1617-1624.	1.3	27
20	How do crowd logistics platforms create value? An exploratory case study from China. International Journal of Logistics Research and Applications, 2019, 22, 501-518.	5.6	25
21	Sintering behavior and mechanical properties of Cr ₃ C ₂ doped ultra-fine WC-Co cemented carbides: Experiment guided with thermodynamic calculations. International Journal of Refractory Metals and Hard Materials, 2019, 78, 240-246.	1.7	24
22	Improved properties of carbon fiber paper as electrode for fuel cell by coating pyrocarbon via CVD method. Transactions of Nonferrous Metals Society of China, 2010, 20, 1412-1417.	1.7	22
23	Prevalence, awareness, treatment, and control of hypertension among China's Sichuan Tibetan population: A cross-sectional study. Clinical and Experimental Hypertension, 2016, 38, 457-463.	0.5	22
24	The effect of sol-gel process on the microstructure and particle size of ZrC-SiC composite powders. Ceramics International, 2020, 46, 5244-5251.	2.3	22
25	Osteogenesis of the construct combined BMSCs with β -TCP in rat. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2010, 63, 227-232.	0.5	21
26	H ∞ fault detection for linear singular systems with time-varying delay. International Journal of Control, Automation and Systems, 2011, 9, 9-14.	1.6	21
27	N-doped carbon nanofibers encapsulated Cu ₂ -xSe with the improved lithium storage performance and its structural evolution analysis. Electrochimica Acta, 2021, 367, 137449.	2.6	20
28	Fabrication and ablation property of carbon/carbon composites with novel SiC-ZrB ₂ coating. Transactions of Nonferrous Metals Society of China, 2015, 25, 3708-3715.	1.7	19
29	Mechanical Property, Oxidation and Ablation Resistance of C/C-ZrB ₂ -ZrC-SiC Composite Fabricated by Polymer Infiltration and Pyrolysis with Preform of Cf/ZrB ₂ . Journal of Materials Science and Technology, 2017, 33, 481-486.	5.6	19
30	LncRNA NEAT1 promotes malignant phenotypes and TMZ resistance in glioblastoma stem cells by regulating let-7g-5p/MAP3K1 axis. Bioscience Reports, 2020, 40, .	1.1	18
31	Current Understanding of Exosomal MicroRNAs in Glioma Immune Regulation and Therapeutic Responses. Frontiers in Immunology, 2021, 12, 813747.	2.2	18
32	Synthesis and TEM observation of fluffy hollow carbon spheres by FeCl ₃ catalyzed solvent-thermal reaction. Materials Letters, 2007, 61, 4015-4018.	1.3	17
33	Enhancement of lithium storage capacity and rate performance of Se-modified MnO/Mn ₃ O ₄ hybrid anode material via pseudocapacitive behavior. Transactions of Nonferrous Metals Society of China, 2020, 30, 1904-1915.	1.7	17
34	Pentraxin 3 Promotes Glioblastoma Progression by Negative Regulating Cells Autophagy. Frontiers in Cell and Developmental Biology, 2020, 8, 795.	1.8	17
35	The effect of carbon source addition order during sol-gel process on the properties of C/C-ZrC-SiC composites. Ceramics International, 2021, 47, 35366-35377.	2.3	17
36	Improved oxidation resistance of chemical vapor reaction SiC coating modified with silica for carbon/carbon composites. Central South University, 2010, 17, 1-6.	0.5	15

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37	Crowd Logistics Platform's Informative Support to Logistics Performance: Scale Development and Empirical Examination. <i>Sustainability</i> , 2019, 11, 451.	1.6	14
38	MnSe/ZnSe encapsulated in N-doped carbon electrospinning nanofibers for high-performance lithium ion batteries. <i>Materials Letters</i> , 2020, 273, 127945.	1.3	14
39	Diffusion-weighted imaging for predicting tumor consistency and extent of resection in patients with pituitary adenoma. <i>Neurosurgical Review</i> , 2021, 44, 2933-2941.	1.2	14
40	Stability and properties of planar carbon clusters. <i>Chemical Physics Letters</i> , 2006, 421, 444-447.	1.2	13
41	Linkage Analysis between Finance and Environmental Protection Sectors in China: An Approach to Evaluating Green Finance. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2634.	1.2	13
42	Influence of Preparation Technology on the Structure and Phase Composition of MoSi ₂ -Mo ₅ Si ₃ /SiC Multi-coating for Carbon/Carbon Composites. <i>Journal of Materials Science and Technology</i> , 2010, 26, 106-112.	5.6	12
43	Preparation and mechanical properties of carbon fibers with isotropic pyrolytic carbon core by chemical vapor deposition. <i>Chemical Engineering Journal</i> , 2015, 272, 12-16.	6.6	12
44	Formation of Mn-Cr mixed oxide nanosheets with enhanced lithium storage properties. <i>RSC Advances</i> , 2018, 8, 29670-29677.	1.7	12
45	Ab initio studies on isomers of macropolyhedral borane ions [B ₂₀ H ₁₈] _n (n = 0, -2, -4). <i>Journal of Computational Chemistry</i> , 2006, 27, 1817-1821.	1.5	11
46	Bending properties and fracture mechanism of C/C composites with high density preform. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 1795-1800.	1.7	11
47	Clioma progression is suppressed by Naringenin and APO2L combination therapy via the activation of apoptosis in vitro and in vivo. <i>Investigational New Drugs</i> , 2020, 38, 1743-1754.	1.2	11
48	Composite of Ge and δ -MnSe in carbon nanofibers as a high-performance anode material for LIBs. <i>Journal of Alloys and Compounds</i> , 2022, 909, 164758.	2.8	11
49	Ab initio study on the structural features of icosahedral carboranes containing heteroatoms. <i>Computational and Theoretical Chemistry</i> , 2001, 545, 105-110.	1.5	10
50	Density functional theory study of the B ₁₀ , $\langle \text{mml:math altimg="si10.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co$	1.2	10
51	Super-valence phenomenon of carbon atoms in C ₂₀ molecule. <i>Computational and Theoretical Chemistry</i> , 2006, 760, 87-90.	1.5	10
52	Fabrication of large-sized high density bulk isotropic pyrocarbon materials of a special composite microstructure by fixed-bed chemical vapor deposition. <i>Carbon</i> , 2016, 101, 439-448.	5.4	10
53	Ab initio pseudopotential study of M ₂ As ₂ and M ₂ Br ₂ (M = Cu, Ag, Au). <i>International Journal of Quantum Chemistry</i> , 2000, 80, 38-43.	1.0	9
54	Microstructure of Pyrocarbon with Chemical Vapor Infiltration. <i>Procedia Engineering</i> , 2012, 27, 847-854.	1.2	9

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55	Roles of microRNA-99 family in human glioma. <i>OncoTargets and Therapy</i> , 2016, 9, 3613.	1.0	9
56	Indispensable role of lipoprotein bound-ApoE in adipogenesis and endocytosis induced by postprandial TRL. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 298-305.	1.0	9
57	Improving the sinterability of ZrCâ€“SiC composite powders by Mg addition. <i>Ceramics International</i> , 2021, 47, 18330-18338.	2.3	9
58	Effect of MgCl ₂ addition on the preparation of ZrCâ€“SiC composite particles by sol-gel. <i>Ceramics International</i> , 2022, 48, 2522-2532.	2.3	8
59	The electronic structure and Raman spectroscopy of the first purely organic ferromagnet: Î²para-nitrophenyl nitronyl nitroxide. <i>Chemical Physics</i> , 1998, 237, 73-79.	0.9	7
60	A theoretical study on the structural and functional features of BSH Agent used in boron neutron capture therapy. <i>Computational and Theoretical Chemistry</i> , 2005, 728, 173-178.	1.5	7
61	Self-Assembled Nano-Fe ₃ C Embedded in Reduced Graphene Oxide Aerogel with Efficient Fenton-Like Catalysis. <i>Nanomaterials</i> , 2020, 10, 2348.	1.9	6
62	Enhanced electrochemical properties of ZnO encapsulated in carbon nanofibers as anode material for lithium-ion batteries. <i>Ionics</i> , 2020, 26, 4351-4361.	1.2	6
63	Synthesis and pyrolysis of single-source precursor for HfC _x N _{1-x} SiC ceramic with different SiC contents. <i>Ceramics International</i> , 2022, 48, 22967-22974.	2.3	6
64	Enhancing Electrochemical Performance of CoF ₂ @Li Batteries via Honeycombed Nanocomposite Cathode. <i>Energy & Fuels</i> , 0, , .	2.5	6
65	Rapid chemical vapor infiltration of C/C composites. <i>Transactions of Nonferrous Metals Society of China</i> , 2009, 19, 1436-1439.	1.7	5
66	Influence of deposition pressure on texture of pyrolytic graphite during chemical vapour deposition. <i>Materials Science and Technology</i> , 2015, 31, 1698-1705.	0.8	5
67	Conformal vapor deposition of iron phosphate onto carbon nanotubes for flexible high-rate cathodes. <i>Materials Today Energy</i> , 2018, 8, 143-150.	2.5	5
68	Honeycomb Structured Î±-MnS@N-HC Nanocomposite Fabricated by Sol-Gel Pyrolysis Blowing Method and Its High-Performance Lithium Storage. <i>Materials Today Energy</i> , 2021, 22, 100876.	2.5	5
69	A novel benzotriazole derivate with Twisted intramolecular charge transfer and Aggregation Induced emission features for proton determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120780.	2.0	5
70	Behavioral Simulation: Towards High-Density Network Traffic Studies. , 2002, , 988.		4
71	Theoretical study on the stability of the novel B ₃₂ isomers and their metal-poly-boron MB ₃₂ cluster. <i>Computational and Theoretical Chemistry</i> , 2006, 759, 25-30.	1.5	4
72	Structural and electronic properties of BPA-fructose complex used in boron neutron capture therapy. <i>Computational and Theoretical Chemistry</i> , 2006, 766, 35-40.	1.5	4

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73	Correlation analysis between the expression of P21WAF1/CIP1, P16 proteins and human glioma. <i>Clinical and Experimental Medicine</i> , 2008, 8, 151-157.	1.9	4
74	Modification of ACFs by chemical vapor deposition and its application for removal of methyl orange from aqueous solution. <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 530-537.	1.7	4
75	Low temperature growth of catalyst-free carbon micro-trees. <i>Journal of Materials Science</i> , 2015, 50, 13-20.	1.7	4
76	Fabrication of ACF/GO/PEI Composite for Adsorption of Methyl Orange from Aqueous Solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1747-1756.	0.9	4
77	Preparation of ZrC-SiC Multi-coating on Graphite with ZrSiO ₄ Powder & via Pack Cementation. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2009, 25, 41-46.	0.6	4
78	Retrospective Study on the Application of Enhanced Recovery After Surgery Measures to Promote Postoperative Rehabilitation in 50 Patients With Brain Tumor Undergoing Craniotomy. <i>Frontiers in Oncology</i> , 2021, 11, 755378.	1.3	4
79	Behavioral simulation of a high-density traffic network involving an adaptive ramp metering system. , 0, , .		3
80	Outcome of Endoscopic Transsphenoidal Surgery for Recurrent or Residual Pituitary Adenomas and Comparison to Non-Recurrent or Residual Cohort by Propensity Score Analysis. <i>Frontiers in Endocrinology</i> , 2022, 13, 837025.	1.5	3
81	Mathematical Analysis of Relationship between Land Price and Real Estate Bubbles. , 2006, , .		2
82	Structure and properties of polycoordinate planar boron compounds. <i>Journal of Chemical Physics</i> , 2007, 126, 044303.	1.2	2
83	Combination refusion therapy for a hemodynamically unstable patient with acute myocardial infarction complicated by acute ischemic stroke within a time window. <i>International Journal of Cardiology</i> , 2015, 201, 152-153.	0.8	2
84	Fractional flow reserve, an effective preoperative guideline to a patient with a huge coronary artery fistula and tandem stenosis. <i>International Journal of Cardiology</i> , 2015, 199, 333-334.	0.8	2
85	Preparation and Structure of MoSi ₂ -Mo ₅ Si ₃ /SiC Multi-coating for Carbon/Carbon Composites. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2008, 23, 779-783.	0.6	2
86	Structural and mechanical changes by adding graphene to C/C composites. <i>Ceramics International</i> , 2022, 48, 30927-30937.	2.3	2
87	Local nucleation of diamond heteroepitaxy on Si(100) in the initial stage and the role of atomic hydrogen. <i>Chemical Physics Letters</i> , 1998, 289, 200-204.	1.2	1
88	The Distribution of Microstructure and Mechanical Properties of Carbon-Carbon Composites. <i>Advanced Materials Research</i> , 2011, 284-286, 531-536.	0.3	1
89	Microstructures and formation mechanism of headstand pyrocarbon cones developed by electromagnetic-field-assisted CVD. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 2569-2577.	1.7	1
90	Effect of pyrolysis temperature on properties of ACF/CNT composites. <i>Journal of Central South University</i> , 2012, 19, 2746-2750.	1.2	1

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91	Triglyceride-rich lipoproteins induce adipogenic differentiation through an apolipoprotein E/LRP1/caveolae-dependent pathway: A hypothesis for diet-induced obesity. International Journal of Cardiology, 2016, 212, 82-83.	0.8	1
92	Study of Chinese agricultural materials logistics supply chain efficiency. Journal of Interdisciplinary Mathematics, 2017, 20, 1111-1125.	0.4	1
93	An art district system dynamics model of diversified operation based on game theory. Journal of Discrete Mathematical Sciences and Cryptography, 2018, 21, 1019-1030.	0.5	1
94	Adsorption behavior of ACF/CNT composites for Cr (VI) from aqueous solution. , 2015, , 207-213.		1
95	Growth of Pyrocarbon by Multi-Physics Fields Chemical Vapor Infiltration. Open Materials Science Journal, 2011, 5, 61-65.	0.2	1
96	Influence of Chemical Vapor Reaction SiC Coating on Mechanical Properties of C/C Composites. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2011, 26, 233-238.	0.6	1
97	Mechanism of Densification of C/C Composites Fabricated with High Density Preform. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2011, 26, 711-714.	0.6	1
98	The AlkB Family: Potential Prognostic Biomarkers and Therapeutic Targets in Glioblastoma. Frontiers in Oncology, 2022, 12, 847821.	1.3	1
99	Ab initio calculations on icosahedral molecules: I. The implementation of symmetry reduction in calculation exemplified by B ₁₂ H ₁₂ . Chinese Journal of Chemistry, 1989, 7, 193-200.	0.0	0
100	An ab initio study on electronic structure and vibrational spectrum of silaborate sandwiches [(η -5-C ₅ Me ₅)M(MeSiB ₁₀ H ₁₀)] ⁻¹ (M=Co, Rh and Ir). Computational and Theoretical Chemistry, 2004, 683, 175-181.	1.5	0
101	The Judgment of Present Situation and Suggestion on Development of Regional Industrial Cluster. , 2006, , .		0
102	Global Shift in Manufacturing Industry and Strategic Choices of Chinese Enterprises. , 2006, , .		0
103	Open Chinese New Deal - The Interpretation of the New Development Model and Policy of the 11th Five-Year Plan. , 2006, , .		0
104	Study on Process Parameters of Multi-Factor Coupling Fields CVD. Key Engineering Materials, 2007, 353-358, 1451-1454.	0.4	0
105	International comparison and analysis of listed companies' investor relations websites taking listed banks for example. , 2008, , .		0
106	Research on the development mode of Chinese cooperation-based rural scientific and Technological service organization. , 2009, , .		0
107	Research on the High-Tech Project Risk Pre-Warning Index Optimization. , 2009, , .		0
108	Analysis on the development strategy of Beijing's renewable energy industry. , 2009, , .		0

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109	Research on the technological cooperation mechanism of Chinese rural scientific and technological service organization. , 2009, , .		0
110	Control Growth of Pyrocarbon by Chemical Vapor Infiltration. Advanced Materials Research, 0, 150-151, 456-459.	0.3	0
111	Removal of Rhodamine B from Aqueous Solution Using ACF/CNT Composites Prepared by Chemical Vapor Deposition. Advanced Materials Research, 2010, 156-157, 477-480.	0.3	0
112	Investigation of Pyrocarbon Based Carbon Paper for Proton Exchange Membrane Fuel Cells. Advanced Materials Research, 0, 156-157, 447-450.	0.3	0
113	Fabrication of ACF/CNT Composites by CVD Method. Advanced Materials Research, 2010, 150-151, 452-455.	0.3	0
114	Study on the analysis of testing ability allocation of testing organization and its optimization countermeasures based on input-output data. , 2011, , .		0
115	Study on the development paths of third party institution in China and its revelation. , 2011, , .		0
116	New robust unsupervised support vector machines. Journal of Systems Science and Complexity, 2011, 24, 466-476.	1.6	0
117	Preparation of Nano-Powders of ITO. Advanced Materials Research, 0, 194-196, 450-453.	0.3	0
118	Research on the scientific development strategy of China detection institution. , 2011, , .		0
119	Adsorption Mechanism of Activated Carbon Fibre/Carbon Nanotube Composites for Rhodamine B from Aqueous Solution. Asian Journal of Chemistry, 2013, 25, 10509-10514.	0.1	0
120	Adsorption Behavior of Ferromagnetic Carbon Nanotubes for Methyl Orange from Aqueous Solution. Journal of Nanoscience and Nanotechnology, 2016, 16, 2804-2810.	0.9	0
121	SWOT quantitative model of livable communitiesâ€™ construction in Chinaâ€™s villages and towns. Journal of Interdisciplinary Mathematics, 2017, 20, 1127-1138.	0.4	0
122	Heat metering reform: A multiple game analysis. Journal of Interdisciplinary Mathematics, 2018, 21, 989-998.	0.4	0
123	The Impact of FDI on Haze Pollutionâ€™Based on the Local Governmentâ€™s Introduction of FDI. , 2018, , .		0
124	Safety Evaluation of Medication in Chinese Laying Hens Companies Based on Fuzzy Comprehensive Evaluation. , 2018, , .		0